

#7/005
C(100)
Patent Application
NC 82,637
Ques

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re : Chow et al
Serial No.: 09/964,544 ✓
Filed: Sept. 28, 2001 ✓
Title: Nanosize Particle
Coatings Made By
Thermally Spraying
Solution Precursor
Feedstocks

Examiner: Jason Savage
Group Art Unit: 1775 ✓

December 19, 2002

2/5/03
centered
2/27/03

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Second Amendment

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the final rejection dated October 3, 2002, please amend the application as follows:

In the specification:

Please replace the paragraph beginning at p.11, line 13, with the following paragraph:

Fig. 2 illustrates how the gradient can be finely controlled to change from one composition to another by using the solution precursors. The three component layer shown in Fig. 2 also illustrates how the three layers can be built up with good adherence between the layers due to the gradient transition between them. When coating A is alumina, it provides good adherence to the substrate. When coating B is